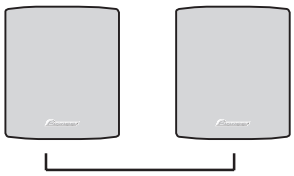
OPERATING GUIDE

S-FCRW2500

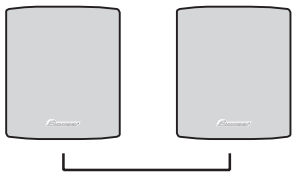
SPEAKER SYSTEM

WHAT'S IN THE BOX

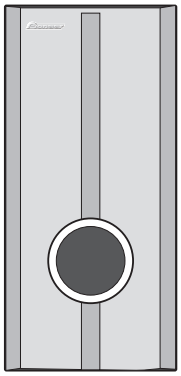


• Front speakers x 2

• Center speaker x 1

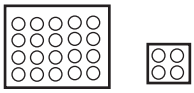


• Surround speakers x 2



SUBWOOFER

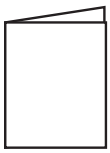
• Speaker cord



• Non-skid pads

• Brackets x 4

• Screws x 4



• Operating guide

IMPORTANT:

• The serial number for this equipment is located on the rear of the subwoofer. Please write this serial number on the warranty page and keep it in a secure area for future reference.

BEFORE USE

- Thank you for buying this Pioneer product.
- Please read through this operating guide before using your speaker system to optimize performance.

FRONT / CENTER / SURROUND SPEAKERS

- In order to prevent damage to the speaker system resulting from input overload, please observe the following precautions:
- Do not supply signal to the speaker system in excess of the maximum permissible input.
- When connecting or disconnecting cables, be sure amplifier power is OFF.
- Do not use excessive amplifier volume if using a tone control to emphasize high or low frequencies.

INSTALLATION PRECAUTIONS

FRONT / CENTER / SURROUND SPEAKERS

- Do not install these units near a stove or other heating appliance, or put them in a place exposed to the sun. Such locations may cause the cabinet to change color and the speaker system to break down.
- The front, center and surround speakers supplied with this system are magnetically shielded. However, placing them extremely close to a television may result in color distortion on the screen. If this happens, move the speakers a little further away and switch off the television for 15-30 minutes.

SUBWOOFER

- Do not place anything on top of the cabinet.
- Do not spill liquid on the cabinet.
- Place the subwoofer at least 8 inches from any wall or curtain in order to avoid heat build-up.
- The subwoofer is not magnetically shielded and so should not be placed near a TV or monitor. Magnetic storage media (such as floppy discs and tape or video cassettes) should also not be kept close to the subwoofer.

CAUTION:

- Do not connect any of the supplied speakers to any other amplifier. This may result in malfunction or fire.
- Do not fix the subwoofer and center speaker to the wall or ceiling; they could cause injury if they fell.
- Pioneer will not be responsible for any accidents or damage that may result from improper installation.

WARNING:

Handling the cord on this product or cords associated with accessories sold with the product will expose you to lead, a chemical known to the State of California and other governmental entities to cause cancer and birth defects or other reproductive harm.

WASH HANDS AFTER HANDLING.

CONNECTING YOUR SYSTEM

IMPORTANT:
Make sure all equipment is turned off before making any connections.

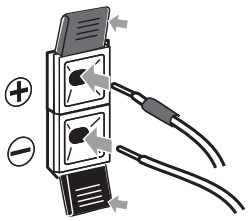
FRONT / CENTER / SURROUND / SUBWOOFER SPEAKERS

Correct wiring of your loudspeakers is essential for achieving the best sound quality. Be careful to ensure proper polarity of connection.

Twist and pull off the protective shields on each wire.

Connect to the speaker terminals on the rear of the receiver.

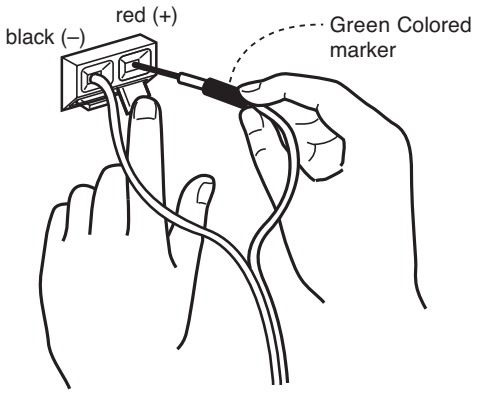
Match the colored wire with the color-coded label (above the tabs), then insert the colored wire into the red (+) tab and the other wire with the black (–) tab.



CENTER SPEAKER ONLY

Connect the speaker cords to the input terminals at the rear of center speaker.

Match the colored wire with the color-coded label (above the tabs), then insert the colored wire into the red (+) tab and the other wire with the black (–) tab.



PLACEMENT AND FINE TUNING

SUBWOOFER

Sound spreads in all directions in the very low frequency range. Human hearing cannot easily detect the source of very low frequencies. Be sure to provide a space of at least 8 inches (20cm) between the rear of the subwoofer and the nearest wall.

FRONT SPEAKERS

For best results the loudspeaker should be positioned near ear level and the loudspeakers separated a distance approximately equal to the listening distance. Angling the loudspeakers inward towards the listener will improve the image stability for non-central listeners. Close proximity to a side or rear wall will enhance the midbass performance, although too close (particularly a corner location) and the bass may be unnaturally high and image performance may be degraded.

CENTER SPEAKER

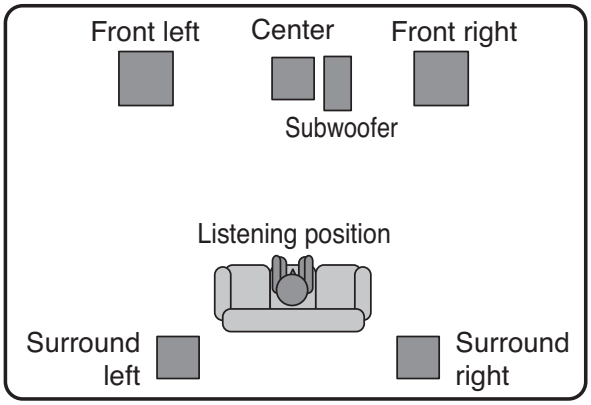
The loudspeaker should be positioned below the TV. For best results align the front of the loudspeaker with the front of the TV. If the loudspeaker is placed under the TV and very close to the floor, then tilting upwards may be beneficial.

SURROUND SPEAKERS

For best results the loudspeakers should be positioned at or above ear level. Depending upon your room layout and preferences, the left and right rear speakers should be positioned on the side walls just the rear of the listening position, or on the walls. Place the rear center speaker directly behind the listening position for best performance.

Standard surround setup

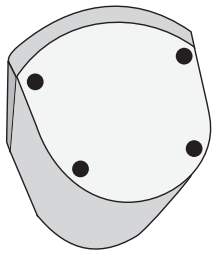
This is a standard multichannel surround soundspeaker setup for optimal 5.1 channel home theatre sound.

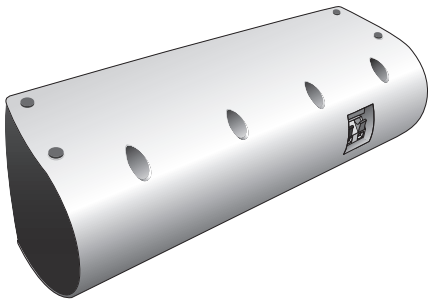


If you have connected to the SX-315 and the above speaker placement isn't possible, you can select the **FRONT SURROUND MODE** on the receiver with the following speaker placement: Place the surround speakers to the side of the front speakers and turn them towards the closest wall (right or left).

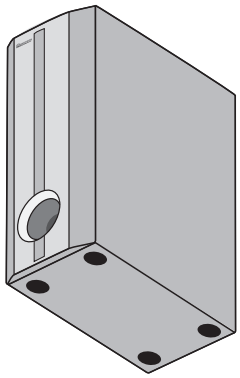
NON-SKID PADS

If the front, center and surround speakers are placed on a hard surface, such as wood or tile place four non-skid pads (small) on the bottom flat surface of the speakers.





If the subwoofer is placed on a hard floor, such as wood or tile, place four non-skid pads (large) on the bottom surface of the subwoofer.



CABINET MAINTENANCE

Use a polishing cloth or dry cloth to wipe off dust and dirt.

When the cabinet is very dirty, clean with a soft cloth dipped in some neutral cleanser diluted five or six times with water, and then wipe again with a dry cloth. Do not use furniture wax or cleaners.

Never use thinners, benzine, insecticide sprays and other chemicals on or near the cabinets, since these will corrode the surfaces.

CAUTION:

The front speakers are equipped with a protection device to protect the transducers from extreme conditions. Under these conditions the protection device will activate and stop the speaker from producing sound. If this happens turn the volume down to resume normal speaker output.

TROUBLESHOOTING

SYMPTOM	PROBABLE CAUSE	REMEDY
1. No sound	• Bad speaker wire or connection • Receiver is off • Volume control is at zero	• Connect correctly or replace wire • Turn on receiver • Slowly turn up volume
2. Sound is distorted	• Extreme signal condition	• Turn down the amplifier's output level (volume, bass control, bass boost) to lower the level.
3. Front speakers stop producing sound suddenly	• Extreme signal condition for extended period of time	• Turn the volume down to resume normal speaker output.

SPECIFICATIONS

FRONT / SURROUND SPEAKERS

Enclosure ..... Closed-box bookshelf type (magnetically shielded)
System ..... 7.7 cm 1-way system
Speakers ..... 7.7 cm cone type
Nominal impedance ..... 6 Ω
Frequency range ..... 85 Hz to 20 kHz
Dimensions ..... 105 (W) x 115 (H) x 114 (D) mm
4 1/8 (W) x 4 1/2 (H) x 4 1/2 (D) in.
Weight
FRONT SPEAKER ..... 0.6 kg/ 1 lb. 5 oz
SURROUND SPEAKER ..... 0.66 kg/ 1 lb. 7 oz

CENTER SPEAKER

Enclosure ..... Closed-box bookshelf type (magnetically shielded)
System ..... 7.7 cm 1-way system
Speakers ..... 7.7 cm cone type
Nominal impedance ..... 6 Ω
Frequency range ..... 75 Hz to 20 kHz
Dimensions ..... 270 (W) x 90 (H) x 100 (D) mm
10 5/8 (W) x 3 9/16 (H) x 3 15/16 (D) in.
Weight ..... 0.8 kg/ 1 lb. 12 oz

SUBWOOFER

Enclosure ..... Bass-reflex floor type
System ..... 16 cm 1-way system
Speaker ..... 16 cm cone type
Nominal impedance ..... 6 Ω
Frequency range ..... 30 Hz to 2.5 kHz
Dimensions ..... 190 (W) x 360 (H) x 317 (D) mm
7 1/2 (W) x 14 3/16 (H) x 12 1/2 (D) in.
Weight ..... 4.2 kg/ 9 lb. 4 oz

Note: Specifications and design subject to possible modification without notice due to improvements.

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Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion-and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:
- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably andclearly, and without distortion.

Once you have established a comfortable sound level:
- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decibel Level	Example
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet.
THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE	
90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
180	Rocket launching pad

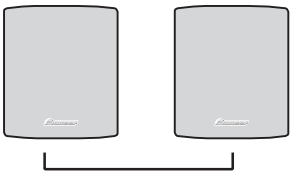
Information courtesy of the Deafness Research Foundation.

S-FCRW2500

MODE D'EMPLOI

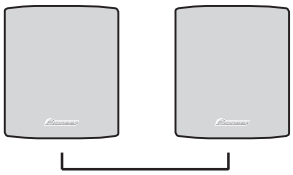
ENCEINTES ACOUSTIQUES

CONTENU DE L'EMBALLAGE

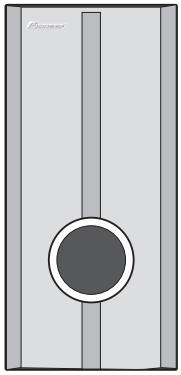


• Haut-parleurs avant x 2

• Haut-parleur central x 1

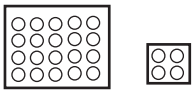


• Haut-parleurs d'ambiance x 2

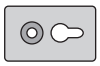


CAISSON DE BASSE

• Cordon de haut-parleur

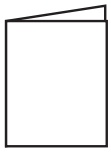


• Coussinets antidérapants



• Supports des enceintes x 4

• Vis x 4



• Mode d'emploi

IMPORTANT :

• Le numéro de série de cet équipement se trouve sur le dos du caisson de basse. Inscrivez-le sur la feuille de garantie et conservez celle-ci en lieu sûr pour vous y référer éventuellement.

AVANT LA MISE EN SERVICE

- Merci de votre achat de cet appareil Pioneer.
- Veuillez lire attentivement ce mode d'emploi avant d'utiliser ces enceintes acoustiques, afin d'en obtenir des performances optimales.

HAUT-PARLEURS AVANT / CENTRAL / AMBIANCE

- Pour éviter aux enceintes acoustiques des dégâts causés par une surcharge à l'entrée, respectez les précautions suivantes :
- N'appliquez pas aux enceintes un signal dépassant l'entrée maximale autorisée.
- Avant de brancher ou de débrancher les câbles, assurez-vous que l'amplificateur est hors tension (OFF).
- N'élevez pas excessivement le volume si vous utilisez une commande des tonalités pour accentuer les hautes ou les basses fréquences.

PRÉCAUTIONS À L'INSTALLATION

HAUT-PARLEURS AVANT / CENTRAL / AMBIANCE

- N'installez pas ces appareils près d'un feu ou d'un appareil de chauffage et ne les placez pas en plein soleil. De tels endroits pourraient décolorer le coffret ou provoquer une panne des haut-parleurs.
- Les haut-parleurs avant, central et d'ambiance fournis avec ce système sont blindés magnétiquement. Toutefois, s'ils sont placés trop près d'un téléviseur, une distorsion des couleurs peut se produire sur l'écran. Dans ce cas, écartez davantage les haut-parleurs et mettez le téléviseur hors tension pendant 15 à 30 minutes.

CAISSON DE BASSE

- Ne posez rien sur le dessus du coffret.
- Ne renversez aucun liquide sur le coffret.
- Posez le caisson de basse à au-moins 20 cm de tout mur ou rideau afin d'éviter un échauffement interne.
- Comme le caisson de basse n'est pas blindé magnétiquement, ne le placez pas à proximité d'un téléviseur ou d'un moniteur. En plus, tout support magnétique de données (tels que disquettes, bandes ou cassettes vidéo) doit être placé loin du caisson de basses.

ATTENTION :

- Ne branchez jamais les haut-parleurs fournis sur un autre amplificateur, car ceci pourrait entraîner des défaillances, voire un incendie.
- Ne fixez pas les haut-parleurs central ou le caisson de basse au mur ou au plafond ; il pourrait causer des blessures en cas de chute.
- Pioneer n'assume aucune responsabilité en cas d'accidents ou de dégâts, résultant d'une installation inadéquate.

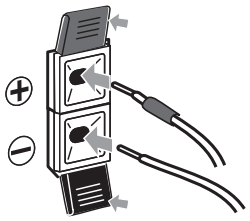
BRANCHEMENT DU SYSTÈME

IMPORTANT :
Assurez-vous que tous les appareils sont hors tension avant de procéder aux branchements.

HAUT-PARLEURS AVANT / CENTRAL / AMBIANCE / CAISSON DE BASSE
Un câblage correct des haut-parleurs est indispensable pour obtenir une bonne qualité sonore. Veillez à respecter les polarités lors des branchements.

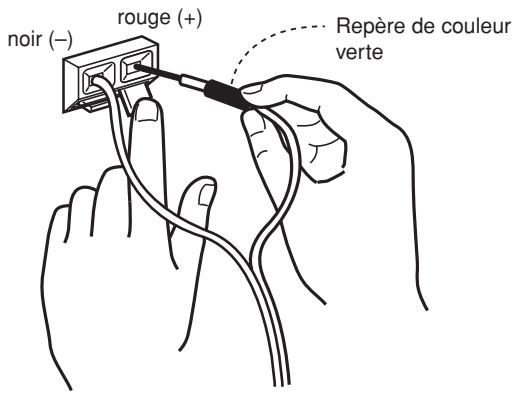
Torsadez et enlevez la gaine protective de chaque cordon.

Branchez les cordons sur les bornes de haut-parleur à l'arrière de l'ampli-tuner.
Faites correspondre le cordon coloré avec l'étiquette de même couleur (au-dessus du taquet), puis insérez le cordon coloré dans le taquet rouge (+) et l'autre cordon dans le taquet noir (–).



HAUT-PARLEUR CENTRAL SEULEMENT

Raccordez les cordons de haut-parleur sur les bornes d'entrée à l'arrière du haut-parleur central.
Faites correspondre le cordon coloré avec l'étiquette de même couleur (au-dessus du taquet), puis insérez le cordon coloré dans le taquet rouge (+) et l'autre cordon dans le taquet noir (–).



DISPOSITION ET RÉGLAGE PRÉCIS

CAISSON DE BASSE
Le son de la plage des très basses fréquences se répand dans toutes les directions. L'oreille humaine détecte difficilement la source des très basses fréquences. Veillez à laisser un espace d'au-moins 20 cm entre l'arrière du caisson de basse et le mur le plus proche.

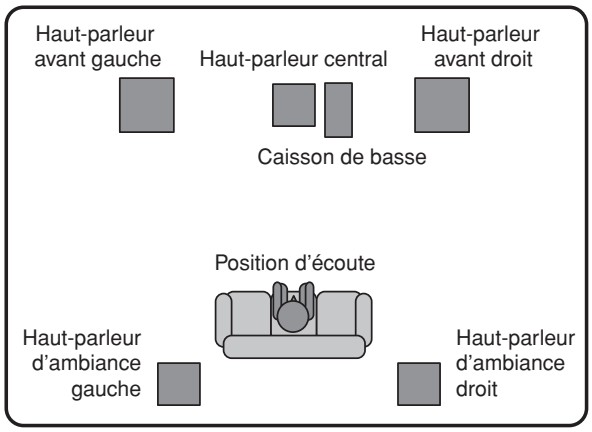
HAUT-PARLEURS AVANT
Pour optimiser l'écoute, ces haut-parleurs doivent être placés près du niveau des oreilles et séparés à une distance presque égale par rapport à la position d'écoute. Une orientation des haut-parleurs vers l'intérieur et vers l'auditeur améliorera la stabilité de l'image acoustique pour les auditeurs non placés au centre. La trop grande proximité d'un mur latéral ou du mur arrière renforce la performance des basses moyennes, tandis que si vous êtes trop près d'un coin surtout, les basses deviennent artificiellement hautes et l'image acoustique est amoindrie.

HAUT-PARLEUR CENTRAL
Ce haut-parleur doit être positionné sous le téléviseur. Pour optimiser les résultats, alignez l'avant du haut-parleur et celui du téléviseur. Si ce haut-parleur est posé sous le téléviseur et très près du plancher, il est préférable de l'incliner vers le haut.

HAUT-PARLEURS D'AMBIANCE
Pour obtenir d'excellents résultats, ces haut-parleurs doivent être positionnés au niveau des oreilles ou au-dessus. En fonction de l'agencement de la pièce et de vos préférences, les haut-parleurs arrière gauche et droit seront positionnés sur les murs latéraux juste derrière la position d'écoute ou sur les parois. Placez le haut-parleur central arrière juste derrière la position d'écoute pour améliorer les performances.

Agencement standard des haut-parleurs d'ambiance

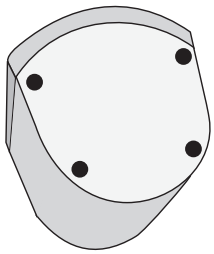
Voici l'agencement habituel des haut-parleurs multicanaux pour optimiser les sons d'un "home theatre" à 5.1 canaux.

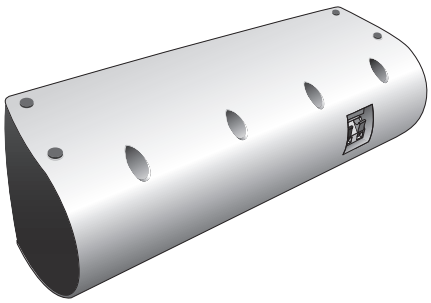


Si vous avez effectué les connexions au SX-315 et que l'agencement des haut-parleurs ci-dessus n'est pas possible, vous pouvez sélectionner **FRONT SURROUND MODE** (Mode de haut-parleur d'ambiance avant) sur l'ampli-tuner en plaçant les haut-parleurs comme suit : Placez les haut-parleurs d'ambiance sur le côté des haut-parleurs avant et orientez-les vers le mur le plus proche (droit ou gauche).

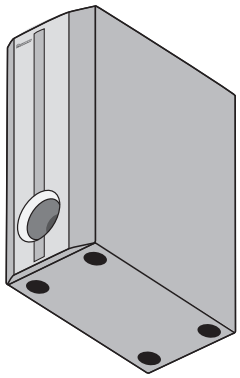
COUSSINETS ANTIDÉRAPANTS

Si les haut-parleurs avant, central ou d'ambiance sont disposés sur une surface dure comme un parquet ou un pavement, placez les 4 coussinets antidérapants (petits) sur la surface du fond des haut-parleurs.





Si le caisson de basse est disposé sur une surface dure comme un parquet ou un pavement, placez les 4 coussinets antidérapants (petits) sur la surface du fond du caisson.



ENTRETIEN DU COFFRET

Servez-vous d'un chiffon de nettoyage ou d'un linge sec pour enlever la poussière et la saleté.

Si le coffret est très sale, frottez-le au moyen d'un linge doux trempé dans un produit de nettoyage neutre, dilué 5 à 6 fois dans son volume l'eau, puis essuyez avec un linge sec. N'utilisez pas de cire ou de décapant pour meubles.

N'employez jamais de diluant, benzène, insecticide en atomiseur ou d'autres produits chimiques sur ou à proximité des coffrets de haut-parleur, car leurs surfaces en seraient détériorées.

ATTENTION :

Les haut-parleurs avant sont dotés d'un dispositif de protection, destiné à protéger les transducteurs dans des situations extrêmes. Dans ces situations, le dispositif de protection agit et empêche la production de son par les haut-parleurs. Si c'est le cas, réduisez le volume pour restituer une sortie normale aux haut-parleurs.

GUIDE DE DÉPANNAGE

SYMPTÔME	CAUSE PROBABLE	CORRECTION
1. Absence de son	• Fil de haut-parleur endommagé ou connexion erronée. • L'ampli-tuner est hors tension. • La commande de volume est réglée sur zéro.	• Connectez correctement ou remplacez le fil. • Mettez l'ampli-tuner sous tension. • Élevez progressivement le volume sonore.
2. Le son est distordu.	• L'état des signaux est excessif.	• Réduisez le niveau de sortie de l'amplificateur (volume, commandes des basses, renforcement des graves) à un niveau approprié.
3. Les haut-parleurs avant cessent soudain de produire leurs sons.	• État excessif des signaux pendant une durée prolongée.	• Réduisez le volume pour restituer une sortie normale aux haut-parleurs.

FICHE TECHNIQUE

HAUT-PARLEURS AVANT / D'AMBIANCE

Coffret ..... Type fermé, bibliothèque (blindage magnétique)
Système ..... 1 voie, 7,7 cm
Haut-parleur ..... Type à cône de 7,7 cm
Impédance nominale ..... 6 Ω
Plage de fréquences ..... De 85 Hz à 20 kHz
Dimensions ..... 105 x 115 x 114 mm (LxHxP)
Poids
HAUT-PARLEUR AVANT ..... 0,6 kg
HAUT-PARLEUR D'AMBIANCE ..... 0,66 kg

HAUT-PARLEUR CENTRAL

Coffret ..... Type fermé, bibliothèque (blindage magnétique)
Système ..... 1 voie, 7,7 cm
Haut-parleur ..... Type à cône de 7,7 cm
Impédance nominale ..... 6 Ω
Plage de fréquences ..... De 75 Hz à 20 kHz
Dimensions ..... 270 x 90 x 100 mm (LxHxP)
Poids ..... 0,8 kg

CAISSON DE BASSE

Coffret ..... Type bass réflex, sur plancher
Système ..... 1 voie, 16 cm
Haut-parleur ..... Type à cône de 16 cm
Impédance nominale ..... 6 Ω
Plage de fréquences ..... De 30 Hz à 2,5 kHz
Dimensions ..... 190 x 360 x 317 mm (LxHxP)
Poids ..... 4,2 kg

Remarque : Spécifications et design sous réserve de changements sans préavis en raison d'améliorations éventuelles.

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LIMITED WARRANTY

PIONEER ELECTRONICS (USA) INC. PIONEER ELECTRONICS OF CANADA, INC.

WARRANTY PERIOD

For the period specified below from date of original retail purchase (the warranty period) from an authorized Pioneer dealer, Pioneer Electronics (USA) Inc. (PUSA), and Pioneer Electronics of Canada, Inc. (POC) warrants that products distributed by PUSA in the U.S.A., and by POC in Canada that fail to function properly under normal use due to a manufacturing defect when installed and operated according to the operating instructions enclosed with the unit will be repaired or replaced with a unit of comparable value, at the option of PUSA or POC, without charge to you for parts or actual repair work. Parts supplied under this warranty may be new or rebuilt at the option of PUSA or POC.

	WARRANTY PERIOD	
PRODUCT	**PARTS**	**LABOR**
Loudspeakers / Subwoofers (amplifier section not included)	**1 YEAR**	**1 YEAR**
Amplifier Section (if applicable)	**1 YEAR**	**1 YEAR**

This warranty covers the product during the warranty period whether in the possession of the original owner or any subsequent owner. In the event service is required, the product must be delivered within the warranty period, transportation prepaid, fro m within the Country of purchase as explained in this document. You will be responsible for removal and installation of the product.

WHAT'S NOT COVERED

This warranty does not cover any product which is used in any trade or business, or in an industrial or commercial application.
This warranty does not apply to any speaker that has been subjected to power in excess of its published power rating.
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TO OBTAIN SERVICE

PUSA and POC have appointed a number of Authorized Service Companies throughout the U.S.A., and Canada should your product ever require service. To receive warranty service you will need to present your sales receipt or, if rented, your rental contract showing place and date of original owner's transaction. Should it become necessary to ship your unit, you will need to package the product carefully and send it, transportation prepaid by a traceable, pre-insured method, to an Authorized Service Company. Carefully package the product using adequate padding material to prevent damage in transit. The original container is ideal for this purpose. Include in the package your name, address, telephone number where you can be reached during business hours, a copy of your sales receipt and a detailed description of the problem. PUSA or POC, as appropriate, will pay for the cost of returning the repaired or replacement product to you within the Country of purchase.

For additional information about this limited warranty or to locate the nearest PUSA or POC Authorized Service Company, please contact:

IN THE U.S.A.
CUSTOMER SERVICE DEPARTMENT
PIONEER ELECTRONICS (USA) INC.
P.O. BOX 1760
LONG BEACH, CA 90801 USA
Phone: 1-800-421-1404

IN CANADA
CUSTOMER SERVICE DEPARTMENT
PIONEER ELECTRONICS OF CANADA, INC.
300 ALLSTATE PARKWAY
MARKHAM, ON L3R OP2
Phone: 905-479-4411, 1-877-283-5901

DO NOT RETURN ANY PRODUCT TO THE ABOVE ADDRESSES. THEY ARE NOT SERVICE LOCATIONS.

RECORD THE PLACE AND DATE OF PURCHASE FOR FUTURE REFERENCE

Model No.: _____ Serial No.: _____

Purchase Date: _____ Purchased From: _____

KEEP THIS INFORMATION AND YOUR SALES RECEIPT IN A SAFE PLACE

PIONEER CORPORATION 4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153-8654. Japan
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Printed in China / Imprimé en Chine <SRD1283-A>

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